

Add new claims 57-59 to read as follows:

E2 -- 57. The protein of claim 46 which has a molecular weight of about 55 kilodaltons. --

E3 -- 58. A soluble fragment of a homogeneous protein which has an apparent molecular weight of about 55 kilodaltons on a nonreducing SDS-polyacrylamide gel and which binds human tumor necrosis factor, the fragment being capable of binding human tumor necrosis factor and being recombinantly produced in a host cell from a DNA sequence that is heterologous to the host cell and that encodes the soluble fragment. --

E4 -- 59. The soluble fragment of claim 57 which comprises the amino acid sequence Leu-Val-Pro-His-Leu-Gly-Asp-Arg-Glu-Lys-Arg-Asp-Ser-Val-Cys-Pro-Gln-Gly-Lys-Tyr-Ile-His-Pro-Gln-X-Asn-Ser-Ile in which X stands for a non-determined amino acid residue. --

*cancelled
per FI*

REMARKS

Reconsideration is requested in view of the following remarks. Claims 44-47 and 55-56 were pending in the subject application and claim 55 has been withdrawn from consideration by the Patent Office. Applicants have hereinabove amended claim 45,